



ecology and environment, inc.

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International Specialists in the Environmental Sciences

DATE: January 27, 1983
TO: File/USEPA Region V
FROM: Paul D. Shea
SUBJECT: Preliminary Assessment

US EPA RECORDS CENTER REGION 5



Illinois/TDD#R5-8212-01A
East St. Louis/SCA Milam Landfill, 05-IL-0040
ILT180014961

Attached is EPA's Preliminary Assessment Form 2070-12 for the above referenced site.

Primary information was gathered from the following source(s):

1. IEPA Files (Mr. Perry Mann - Inspector)
Collinsville Office (618) 345-4606
2. Ecology and Environment FIT Files (USEPA Form-
T2070-2)
- 3.

Information indicates the following responsible parties should be listed. They are listed here because of space limitations:

1. None
- 2.
- 3.

Presently, data gaps or no verification exists in the following key area(s):

1. Waste quantity (overall and specific)
2. Drinking water contamination
3. Worker exposure and biota affects

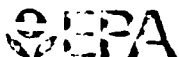
A review of the available data indicates that additional information will be necessary to assess the impact(s) on:

1. Waste quantity
2. Groundwater
3. Direct contact
4. Fire/explosion
- 5.

Suggested methods/sources for obtaining additional information are:

1. On and off site sampling and monitoring
2. On site inspection
3. Off site inspection

Notice of an apparent need for emergency action was transmitted
to N/A on N/A
by N/A.



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

IL T180014961

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER			
SCA MILAM LANDFILL	ROUTE 203 + I 55 (715 MADISON ROAD)			
03 CITY	04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE
EAST ST. LOUIS	IL	62060	ST. CLAIR	163
09 COORDINATES LATITUDE		08 LONGITUDE		
38°39'30.0"		090°07'35.3"		
10 DIRECTIONS TO SITE (Starting from nearest public road)				
I-70 EAST OUT OF ST. LOUIS TO 203 NORTH. SITE IS ON RIGHT ABOUT 2000 FEET NORTH OF I 70 ON ROUTE 203.				

III. RESPONSIBLE PARTIES

01 OWNER (If known)	02 STREET (Business, making residential)			
SCA SERVICES OF ILLINOIS	2216 MADISON AVENUE			
03 CITY	04 STATE	05 ZIP CODE	06 TELEPHONE NUMBER	
GRANITE CITY	IL	62040	(618) 451-9507	
07 OPERATOR (If known and different from owner)	08 STREET (Business, making residential)			
SAME				
09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER	
			()	
13 TYPE OF OWNERSHIP (Check one)				
<input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL				
<input type="checkbox"/> F. OTHER (Specify) <input type="checkbox"/> G. UNKNOWN				
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)				
<input checked="" type="checkbox"/> A. RCRA 3001 DATE RECEIVED. 5/27/81 <input checked="" type="checkbox"/> B. UNCONTROLLED WASTE SITE (CFRCL 103 c) DATE RECEIVED. 6/9/81 <input type="checkbox"/> C. NONE				

IV. CHARACTERIZATION OF POTENTIAL HAZARD

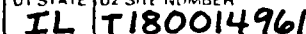
01 ON SITE INSPECTION	BY (Check all that apply)			
<input checked="" type="checkbox"/> YES DATE 1960's 1st MONTH DAY YEAR 11-12/1982	<input type="checkbox"/> A. EPA <input checked="" type="checkbox"/> B. EPA CONTRACTOR <input checked="" type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR			
<input type="checkbox"/> NO	<input checked="" type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER (Specify) ILLINOIS PUBLIC HEALTH DEPT. CONTRACTOR NAME(S): ECOLOGY AND ENVIRONMENT, INC.			
02 SITE STATUS (Check one)	03 YEARS OF OPERATION			
<input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN	MID 1960's PRESENT BEGINNING YEAR ENDING YEAR <input type="checkbox"/> UNKNOWN			
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN OR ALLEGED				
SLUDGE (TOXIC, PERSISTENT) HEAVY METALS (TOXIC, PERSIST.)				
OILY WASTE (TOXIC, PERSISTENT, FLAMMABLE)				
SOLVENTS (TOXIC, PERSISTENT, FLAMMABLE)				
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION				
RUNOFF TO SURFACE WATER (ENVIRONMENT + POPULATION)				
LEACHING INTO GROUNDWATER (ENVIRONMENT + POPULATION)				
FIRE / EXPLOSION (ENVIRONMENT + POPULATION / EVACUATION)				

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incident)			
<input type="checkbox"/> A. HIGH (Inspection required promptly)	<input type="checkbox"/> B. MEDIUM (Inspection required)	<input type="checkbox"/> C. LOW (Inspect on time available basis)	<input type="checkbox"/> D. NONE (No further action needed - complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT	02 OF (Agency/Organization)		03 TELEPHONE NUMBER	
MR. PERRY MANN	IEPA (COLLINSVILLE)		(618) 345-4606	
04 PERSON RESPONSIBLE FOR ASSESSMENT	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NUMBER	08 DATE
			()	MONTH DAY YEAR



☒ I HIGHLY VOLATILE
☒ J EXPLOSIVE
☒ K REACTIVE
☒ L INCOMPATIBLE
☐ M NOT APPLICABLE



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
IL T180014961

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A GROUNDWATER CONTAMINATION 02 ☒ OBSERVED (DATE: 1974 →) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 75,000 04 NARRATIVE DESCRIPTION

POLLUTION OF GROUNDWATER PROVEN: PREVIOUS IL. STATE LEGAL ACTION
GROUNDWATER DOWNGRAIDENT WAS FOUND CONTAMINATED WITH
METALS, ORGANICS, CHLORIDES.

01 ☒ B SURFACE WATER CONTAMINATION 02 ☒ OBSERVED (DATE: 1974 →) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 75,000 04 NARRATIVE DESCRIPTION

SURFACE WATER FOUND TO BE CONTAMINATED → SMALL CREEK
FLOWS THROUGH SITE. CANAL BOUNDS THE SITE. SITE IS SITUATED
IN A WETLAND AREA.

01 ☒ C. CONTAMINATION OF AIR 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 75,000 04 NARRATIVE DESCRIPTION

IEPA AIR POLLUTION SECTION WAS INVOLVED WITH FIRE
IN 1973-1974

01 ☒ D. FIRE/EXPLOSIVE CONDITIONS 02 ☒ OBSERVED (DATE: 1973-1974) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: <3000 04 NARRATIVE DESCRIPTION

FIRE WAS OBSERVED. BARRELS WERE BLOWING UP
AND SHOOTING INTO AIR.

01 ☐ E. DIRECT CONTACT 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☒ F. CONTAMINATION OF SOIL 02 ☒ OBSERVED (DATE: 1974 →) ☐ POTENTIAL ☐ ALLEGED
03 AREA POTENTIALLY AFFECTED: 25 (Acres) 04 NARRATIVE DESCRIPTION

CONTAMINANTS PRESENT IN SOIL. → LEACHED INTO G.W.
AND S.W.

01 ☒ G. DRINKING WATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 75,000 04 NARRATIVE DESCRIPTION

GROUNDWATER FOUND CONTAMINATED DOWNGRAIDENT.
WELL WATER IS USED → 200'-300" DOWNGRAIDENT BY A
SKELLY DEPOT.

01 ☐ H. WORKER EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 WORKERS POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

01 ☒ I. POPULATION EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 75,000 04 NARRATIVE DESCRIPTION

POPULATION EXPOSURE/INJURY POTENTIAL DUE TO
GROUNDWATER AND SURFACE WATER CONTAMINATION.
FIRE/EXPLOSIVE CONDITION



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
IL T180014961

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☒ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED

SITE SITUATED IN A WETLAND AREA. CONTAMINANTS
PROBABLY AFFECTING FLORA. { CATTAILS
GRASSES

01 ☒ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (Include name(s) of species)

02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED

SITE SITUATED IN A WETLAND → WATERFOWL AND
OTHER FAUNA POTENTIALLY AFFECTED

01 ☒ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED

SITE IN A WETLAND AREA. FOOD CHAIN IS COMPLEX
AND POTENTIALLY AFFECTED TO A GREAT EXTENT

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES
(Spills/runoffs/standing liquids/leaking drums)

02 ☒ OBSERVED (DATE: 1974 →) ☐ POTENTIAL ☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: 75,000

04 NARRATIVE DESCRIPTION

IEPA INSPECTING IMPROPER SITE DEVELOPMENT - RESULTANT OF
POOR CONTAINMENT HAS BEEN GROUND AND SURFACE WATER CONTAMINATION

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

01 ☒ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☒ OBSERVED (DATE: INCOURTS) ☐ POTENTIAL ☐ ALLEGED

IMPROPER SITE DEVELOPMENT AND DISPOSAL SO IEPA HAS
FILED TO ATTORNEY GENERAL OF IL TO WITHDRAW PERMIT
DUE TO POOR PAST PERFORMANCE.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

SITE SURROUNDED BY WATER

III. TOTAL POPULATION POTENTIALLY AFFECTED: = 75,000

IV. COMMENTS

IEPA CONDUCTS CONTINUED BI-MONTHLY INSPECTIONS
WATER SAMPLES FROM MONITORING WELLS, CANAL, AND CREEK
ARE TAKEN ABOUT TWO TIMES A YEAR

V. SOURCES OF INFORMATION (One specific references, e.g., State files, sample analysis reports)

IEPA FILES (MR. PERRY MANN - INSPECTOR)
E+E FIT FILES (EPA FORM T2070-2 (10-79)) ECKHARDT REPORT